

ECS Configuration Change Request

Page 1 of 2 Page(s)

1. Originator Jim Mather	2. Log Date: 12/2/98	3. CCR #: 98-1240	4. Rev: -	5. Tel: ex 0435	6. Off: 2107a	7. Org. sed
8. Title of Change: Technical Bulletin - Disk Label Protection when doing Raw Partitions						
9. Originator Signature <i>Jim Mather</i>	10. Date: 12/1/98	11. Class II	12. Type: CCR	13. Need Date: 12/03/98		
14. Office Manager Signature <i>Kathy Bollinger</i>	15. Date: 12/1/98	16. Date CCB Decision Needed: 12/03/98	17. Category of Change: Other	18. Priority: Routine		
19. Documentation/Drawings Impacted: none		20. Schedule Impact: none		21. CI(s) Affected: none		
22. Release Affected: na		23. Date due to Customer: 12/03/98	24. Impl. Date: 12/03/98	25. Effectivity of Change: immed	26. Est. Cost None	
27. Source Reference: <input checked="" type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> GSFC CCR <input type="checkbox"/> Tech Ref. <input type="checkbox"/> Other: ECSed12960						
28. Description of Change: (use additional Sheets if necessary) Issue a Technical Bulletin stating not to use cylinder zero when creating a raw partition.						
29. Proposed Solution: (use additional sheets if necessary) When partitioning the disk for a Raw partition such as Sybase, do not start at cylinder zero.						
30. Alternate Solution: (use additional sheets if necessary) none						
31. Consequences if Change(s) are not approved: (use additional sheets if necessary) Disk type and label information will be lost						
32. Does Change Affect Any of the following (Please Explain on additional sheet): <input type="checkbox"/> Maintenance Training <input type="checkbox"/> Performance <input type="checkbox"/> Operation Training <input type="checkbox"/> Safety <input type="checkbox"/> Service <input type="checkbox"/> Support <input type="checkbox"/> Test <input type="checkbox"/> Baseline (XRP) <input type="checkbox"/> Y2K Compliance						
33. Organization(s) Affected: <input type="checkbox"/> CM <input type="checkbox"/> Clearcase SG <input type="checkbox"/> Contracts <input type="checkbox"/> Chief Eng <input type="checkbox"/> FOS <input type="checkbox"/> M&C <input type="checkbox"/> QO <input type="checkbox"/> Rel Dev <input type="checkbox"/> Procurement <input type="checkbox"/> RTSC <input type="checkbox"/> Sci. Data Eng <input type="checkbox"/> Security <input type="checkbox"/> Sys. Dev. <input checked="" type="checkbox"/> Sys. Eng. <input type="checkbox"/> Sys Verf Acpt <input type="checkbox"/> Other						
34. Site(s) Affected: <input checked="" type="checkbox"/> EDF <input checked="" type="checkbox"/> Mini-DAAC <input checked="" type="checkbox"/> VATC <input checked="" type="checkbox"/> EDC <input checked="" type="checkbox"/> GSFC <input checked="" type="checkbox"/> LaRC <input checked="" type="checkbox"/> NSIDC <input checked="" type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input checked="" type="checkbox"/> EOC <input type="checkbox"/> Other						
35. Board Comments:				36. Work Assigned To: RTSC + DAACS		
37. Release Authorized (For CM Use Only): <input type="checkbox"/> Yes <input type="checkbox"/> No			38. CM Verified/Signature and Date			
39. EDF/REL2 CCB Chair (Sign/Date): <i>MacDonald 12/3/98</i>		40. Disposition: <input checked="" type="checkbox"/> App <input type="checkbox"/> Ap/C <input type="checkbox"/> DisApproved <input type="checkbox"/> Withdraw <input type="checkbox"/> Fwd/ECS <input type="checkbox"/> Fwd/ESDIS		41. ESDIS ERB Concurrence:		
42. ECS CCB Chair (Sign/Date):		43. Disposition: App <input type="checkbox"/> A/C <input type="checkbox"/> DisApproved <input type="checkbox"/> Withdraw <input type="checkbox"/>		44. CCR Closed Date:		

ORIGINAL



ECS Project

Engineering Technical Bulletin

98 -008

Subject: Disk Label gets wiped out when creating raw partitions when starting at cylinder zero
The following bulletin is applicable to all DAACS and labs using SUN Solaris.

Issue:

When partitioning a disk to create a raw partition such as the partitions used for Sybase, the disk label information will be overwritten if starting at cylinder zero. This will cause the loss of the disk label which includes the drive type and the disk partition information.

Note: While SUN does not have written documentation to support this, SUN has verified this to be true via a phone contact.

Fix:

When partitioning the disk for raw partitions do not start at cylinder zero. The first slice on the disk must start with cylinder one.

Testing:

NA

Implementation:

NA

Point of Contact:

Randy Bollinger ext. 301-925-0549

Approved By/Date:

M. McDonald

REL2 CCB Chairman

M. McDonald 12/3/98

Reference CCR: 98-1240

-----End of Directive-----

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